

WHAT IS CLAIMED IS:

1. A lubricating system for an engine, said lubricating system comprising:
an oil pump connected to an oil filter via a discharge port of the oil pump;
a main gallery being connected to the discharge port of the oil pump via the oil filter, wherein said main gallery is provided in a crankcase of the engine;
a sub-gallery for leading oil to a cylinder head side of the lubricating system, said sub-gallery being provided in said crankcase in such a manner as to be operatively connected to an outlet of said oil filter and in parallel to said main gallery, wherein oil flowing through said main gallery is in parallel flow to oil flowing in said sub-gallery.
2. The lubricating system according to claim 1, further comprising an oil cooler operatively connected to said sub-gallery and said main-gallery.
3. The lubricating system according to claim 2, wherein said sub-gallery includes a first passage portion extending in a straight line so as to communicate said outlet of said oil filter with the oil cooler, and a second passage portion extending in a straight line in a direction opposite to the direction of said first passage portion.
4. The lubricating system according to claim 2, wherein said sub-gallery and said main gallery each have a longitudinal axis and are provided in said crankcase, said longitudinal axes of said sub-gallery and said main gallery being in with parallel an axis of rotation of said crankshaft.
5. The lubricating system according to claim 3, wherein said sub-gallery and said main gallery each have a longitudinal axis and are provided in said crankcase, said longitudinal axes of said sub-gallery and said main gallery being in with parallel an axis of rotation of said crankshaft.

6. The lubricating system according to claim 2, wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

7. The lubricating system according to claim 3, wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

8. The lubricating system according to claim 5, wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

9. The lubricating system according to claim 5, wherein a discharge passage for connecting said oil pump to said oil filter is disposed in a position beneath said main-gallery and said sub-gallery in such a manner that an axis of said discharge passage is perpendicular to the longitudinal axes of said main-gallery and said sub-gallery.

10. The lubricating system according to claim 8, wherein a discharge passage for connecting said oil pump to said oil filter is disposed in a position beneath said main-gallery and said sub-gallery in such a manner that an axis of said discharge passage is perpendicular to the longitudinal axes of said main-gallery and said sub-gallery.

11. The lubricating system according to claim 7, wherein said oil filter and said oil cooler are mounted in parallel to an outer wall surface of said crankcase.

12. The lubricating system according to claim 8, wherein said oil filter and said oil cooler are mounted in parallel to an outer wall surface of said crankcase.

13. A lubricating device for an engine having a crankcase, said lubricating device comprising:

an oil pump connected to an oil filter via a discharge port of the oil pump;

a main gallery being connected to the discharge port of the oil pump via the oil filter, wherein said main gallery is provided in the crankcase of the engine;

a sub-gallery for leading oil to a cylinder head side of the lubricating device, said sub-gallery being provided in said crankcase in such a manner as to be operatively connected to an outlet of said oil filter and in parallel to said main gallery, wherein oil flowing through said main gallery is in parallel flow to oil flowing in said sub-gallery.

14. The lubricating device according to claim 13, further comprising an oil cooler operatively connected to said sub-gallery and said main-gallery.

15. The lubricating device according to claim 14, wherein said sub-gallery includes a first passage portion extending in a straight line so as to communicate said outlet of said oil filter with the oil cooler, and a second passage portion extending in a straight line in a direction opposite to the direction of said first passage portion.

16. The lubricating device according to claim 15, wherein a center line of said sub-gallery, a center line of said main gallery, a center line of a communication passage for communicating said outlet of said oil cooler to said main gallery, and a center axis of said oil filter and a center axis of said oil cooler are all located within the same plane.

17. The lubricating device according to claim 16, wherein a discharge passage for connecting said oil pump to said oil filter is disposed in a position beneath said main-gallery and said sub-gallery in such a manner that an axis of said discharge passage is perpendicular to the longitudinal axes of said main-gallery and said sub-gallery.